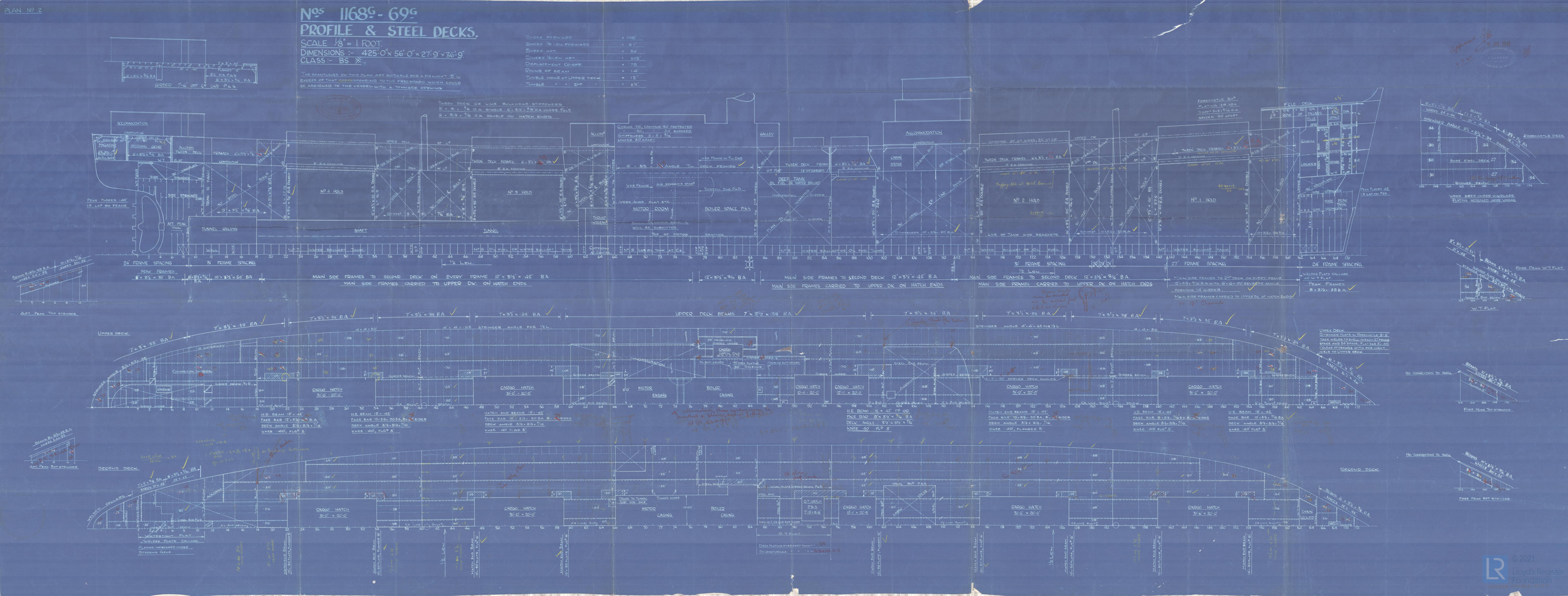


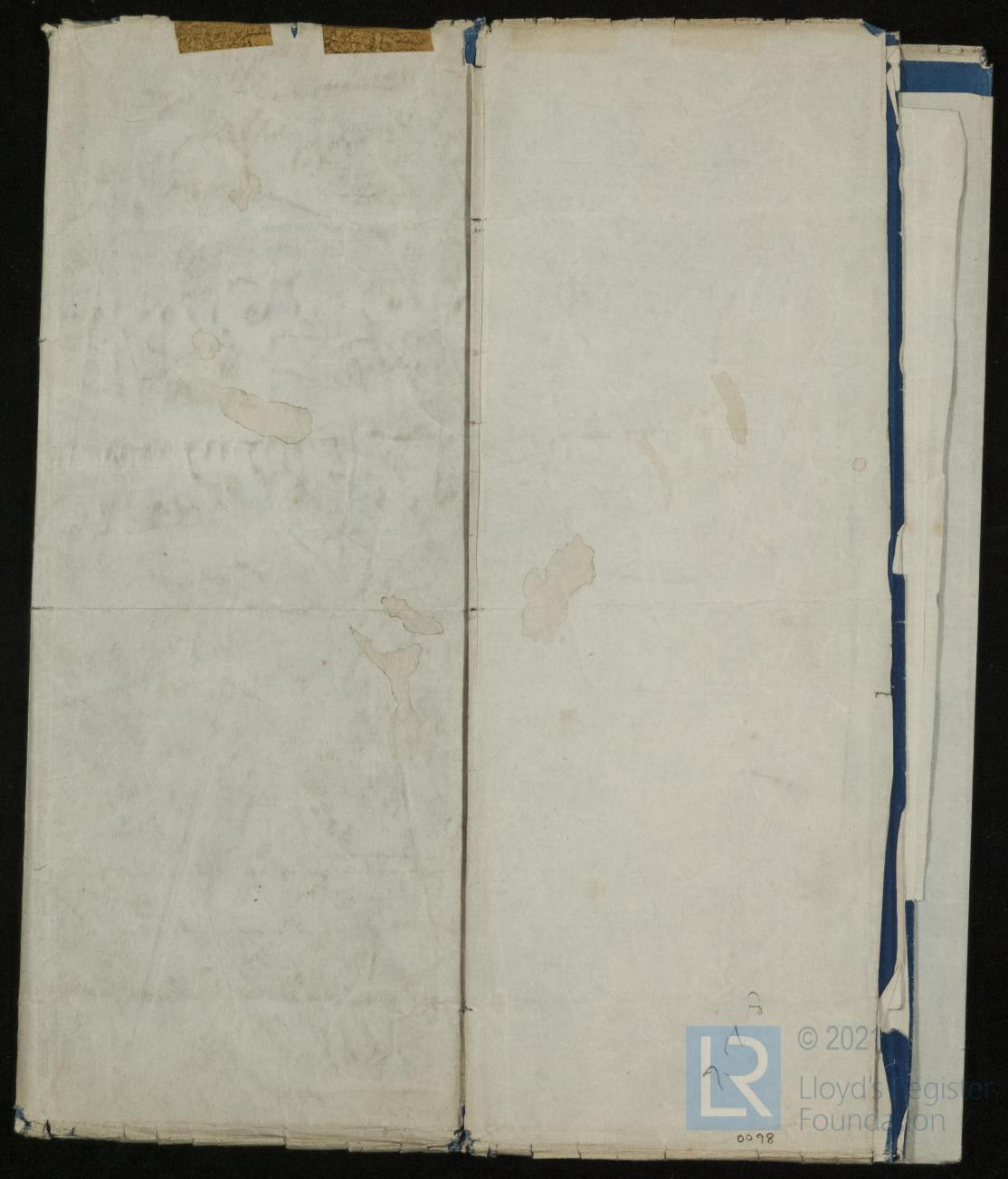
Profile offick Starland holf Sta Nos 1168-9 Empire Forent SCOTIA MIN SKOTIA 1/078/SWY sb911 - 8911 my Make ayn 300 \$021 oyd's Registe



© 2021 Lloyd's Register Foundation



Amd. Dofile o Rich Starland a Wolff Sta Nos 11685-99. × 128399. anges Still # T.C. 1.9.43. WEMPIRE TORREST \* SKOTIA\* HTKRALJEVICA the orth 26 14/6/9% 56-58911 Hall sid. 1977 1992621 wd's Registe



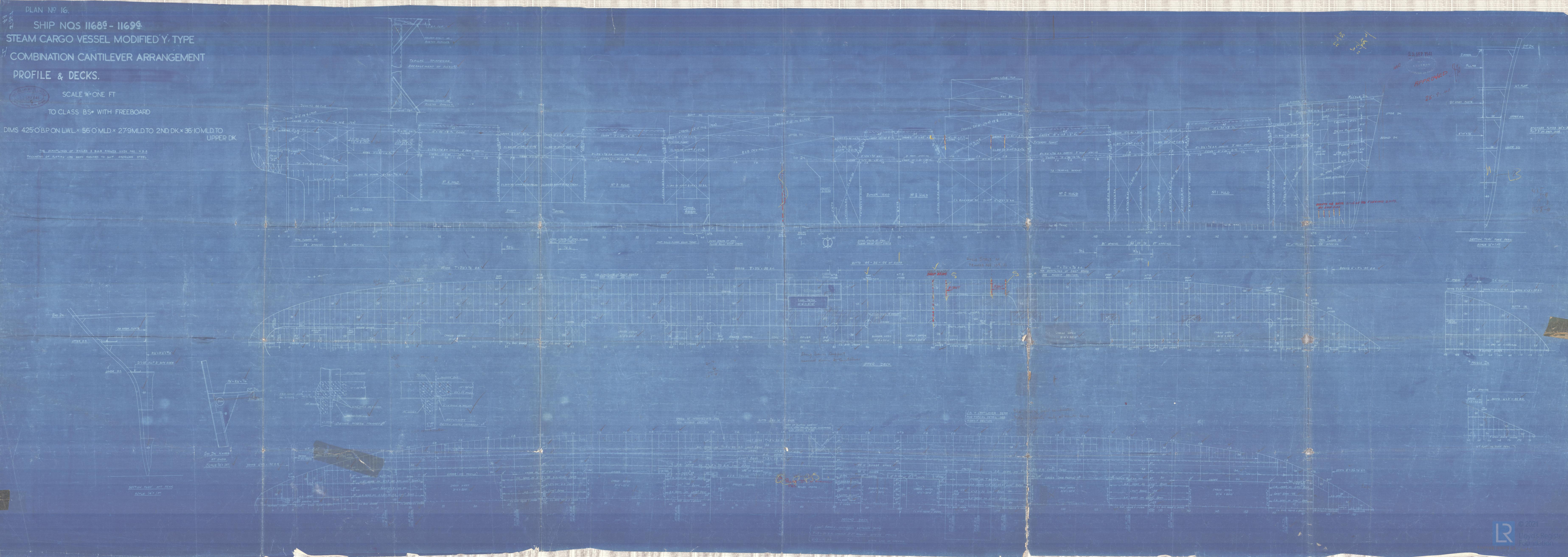
& while allielu

8600 298400-858400

S. L. Bl

R

© 2021 Lloyd's Register Foundation



25

Midship Section Darland Wolff Sta

Skotia Nos. 116892 11699. 212839.

Rotia Nos. 116892 11699. 212839.

T.C. 19.43.

AS BUILT

EMPIRE TORRENT

1811



Lloyd's Register Foundation

373-195 374 - tug

© 2021
Lloyd's Register
Foundation

004358-004363-0100

0 004358-004363:0100



S.S. EMPIRE TORRENT. EQUIPMENT 2 Bower Anchors 68 CWTS EACH STOCKLESS S.S. EMPIRE NERISSA. 225 FATHOMS 2 % STUD CHAIN CABLE GOO GWTS 90 " 5" FLEXIBLE STEEL WIRE 6/12 120 " 434 SPECIAL FLEXIBLE STEEL WIRE 6/24 SECTION. 2 HAWSERS 90 FATH 234 " " " " " " " FORECASTLE . STRINGER PLATE 35 BUTTS IR STRINGER ANGLE 3/2 x 3/2 x 3/8 2 WARPS 90 " 21/2 " " " " "/12. SCALE 1/2" = ONE FOOT . DECK PLATING . 30 UNSHEATHED BUTT I.R BEAMS ON EVERY FRAME AS DIMENSIONS: 425'-0" BP ON LWL x 56'-0" MLD x 27-9" MLD TO 200 DK-36-10" MLD TO UPPER DK. ON PROFILE & DECK PLAN. TO CLASS BS \* WITH FREEBOARD UNDER SPECIAL SURVEY
THE SCANTLINGS ARE SUITABLE FOR A DRAUGHT 18"IN EXCESS OF THAT CORRESPONDING.
TO THE FREEBOARD WHICH COULD BE ASSIGNED TO THE VESSEL WITH A TONNAGE OPENING. 14 CAMBER -35"-25" UPPER DI To 3/2 x 3/2 x 38 EXTENT OF RIDER PLATE UPPER DK. BEAMS ON EVERY FR. 7"x 31/2" x 3/8" BA. SEE BECK PLAN. HATCH END BEAMS 15"x 40" FACE BAR 10" x 312"- 50 BA. WITH 8" 50 RIDER PLATE WHERE SHOWN DECK BAR 3/2 x 3/2 x 7/6". 25" CENTRE DIVISION FOR DECK GIRDERS SEE PROFILE & DK. PLAN. STIFF 5 5 × 3 × 3/8 0A . INCREASED AT HATCH ENDS 12" BA FRAME CARRIED TO UPPER DK (K AT STERN) AT HATCH END . SEAMS SINGLE BUTTS ER TO IR. 31 - 25 V 2 DECK ECK WELDED TO SHELL TFROM FACE OF FRAMES 5-3/4 RIVS ( 10"x 40" 6"x 7" FLANGES . SEE SKETCH BELOW. KNEE 40 FLGP 4 Lug 32" x 3/2" x 7/16 PLATE 38" SEE PROFILE & DECK 7"x3"x 33" B.A. 36" APART OUTSIDE LINE OF OPENINGS. FACE BAR 12"x1" WELDED 6 x 3 x 32 B.A. 30 APART INSIDE LINE OF OPENINGS DECK LUGS 3"x3"x3/8" STIFFE 5 × 7/6" FLATS WELDED. . 30 CENTRE DIVISION WELDED BEAM OR SCANTLINGS OF STIFFRS. SECTION AT CANTILEVER BEAMS CLEAR OF HATCH ENDS. 2 ND DECK % DIA. AIR HOLES ABOUT SIDE FRAMING 6 87 FLANGES FRAMES SPACED 31"APART, 27"FORWARD 3/5 LEN. FORWARD, 24" IN FORE & AFT PEAKS MAIN SIDE FRAMES 12" x 3/2" x 45" BA. 12" x 3/2" x 96" BA. AT CANTILEVERS 1 12 x 3/2 x 9/16 BA IN BOILER SPACE " 12 × 3/2 × 9/6 BA FRAME 115 TO 140 SHELL BUTTS BELOW SHEERSTRAKE 3R-2R " 15" x 4" x 4" x 5%2 CHANNEL FRAME 155 - 161 MAIN SIDE FRAMES IN WAY OF TUNNEL RECESS 10" x 3/2" x :50 BA. 40" BRCKT FRAMES IN FORE & AFT PEAK TANKS 8" x 3 1/2" x 35" BA. TWEEN DECK FRS. 6" x 32" x 7/16" OA. 8 x 32" x 35" BA. FR. 143 TO FORE END. IMMERSED BOW PLATING .54". LONGTO TO BRACKET 10-0 P&S CARRIED UP TO FOCSLE DK IN WAY OF SAME . FRAMES PUNCHED FOR SPARRING DOUBLE BOTTOM IN HOLDS & TWEEN DECKS. SOLID FLOORS . 35, 40 E.S. . 50 BS. ON EVERY FR ENGINE SPACE, UNDER BOILER BEARERS WATERTIGHT FLOORS . 50 STIFFENERS 5 x 3 x 3/8 OA 3-0" APART . 7/6"BS. TANK TOP GR. STRAKE 83% x 50- 40 BUTTS WELDED TANK TOP PLATING . 44 - 40 BUTTS WELDED . 50 ES . . 60 BS. TANK FRAMES SOLID FLOORS 31/2 x 3/2 x 7/6. 6 x 6 x . 45 OA. SINGLE FROM FRAMES 134 TO 161. TANK REV. FRAMES SOLID FLOORS 32×3 × 42 IN HOLDS TANK WING BKT . 40"FLG. 31/2" . 50 BS. FLG 6" AT CANT. CENTRE GIRDER " " " 3/2 x3/2 x 7/6 E5. 50 B5. DOUBLE UNDER ENGINES 434 x 50 - 40 GO IN BS BUTTS WELDED MARGIN PL 44" x 50" - 60" BS BUTTS WELDED THRUST SEAT AND BOILER BEARERS TOP ANGLES 31/2" x 31/2" X 7/6" DBLE . 50" IN B.S. CONTINUOUS GUSSET 50 GO BS. G-72 AIVS. IER. AT CANTS. MARGIN & FLOOR ANGLE 3/2"×3/2"× 7/6" SINGLE 50" BS TANK FLOOR STIFF 3 x 3 x 48 HOLDS, 3/2 X 3x 42 ES, 50 BS. 3 FLANGE TO FLOOR. VERTL. ANGLES 3/2 x 3/2 x 7/6" SINGLE . 50" IN BS. TANK INTERCOSTAL VERT ANGS. TO FLOORS 3"x3"x3% ES. 6x3x50 BS, 6 x3 x3/8" HOLES . CONTINUOUS GUSSET 50" . 60" BS. 8 - 78 RIVS AT FORE END IGH AT 50 GUISETS PL. CONTINUOUS GO BS. WELDED TO MARGI BOTTOM ANGLES 4"x 4"x 50" DBLE. SINGLE AT AFT END. G- % RIVETS, 12 R. AT CANTS. 12-78 RIV 12- 18 AVETS IN WAY OF CANTILEVERS. HO WELDED TO TANK TOP MARGIN ANG. 3/2 x 3/2 x 50" 3"x 3"x . 42 HOLDS. 32"x 3½ x 7/6 E.S. . 50 BS 8 x 3/2 x 7/16 BA. IN BS. 8" × 3" × 35" BA. 32x32x16 SINGLE 50 BS. G OF WELDING RAD. TOP OF FLANGE TO MARGIN INSIDE & OUT FRAMES 80 TO 100 INCLUSIVE FR. 141 TO FORE END & 6" x 3" x 3/8 OA. 7/16 BS. 4-3/4 R. STRUTS 6"x3/2" - 3/8" BA AT CANTILEVERS F&A, CLOSE TO HEEL TANK WING BRACKET CLEAR OF MIDSHIP BILGE KEEL 8 × 50 BULB PLATE KEEL .52 x .75 FORE & AFT FOR ABOUT 110-0 AMIDSHIPS RIVETED TO G'x GO FLAT BAR WELDED TO SHELL . 62"- 45" AFT BUTTS 3R LAPPED PLATING ON FLAT OF FLOOR FORD GE" WITH 8"x 3"2" 35"BA FORE GAFT STIFFENERS RIVS. BOTH FLANGES OF REV. FRAME SPACED 5 SECTION IN WAY OF 8 x 3 % x 35 BA CONTINUOUS FORE & AFT STIFFENERS DIAS. P&S. ON FR. 134 & FORD. TO FR 159. VERTICAL STIFFAS. 5"x 3"x 3/8" TANK MARGIN VERT. ANGLES A REINFORCED IN WAY OF CANTILEVERS ALSO AT EVERY FRAME FORWARD & INCLUDING FRAME NOVE THESE RIVS. TO SHELL NOT TO EXCEE 7 DIAS. CRS. FORE & AFT BOTTOM FRAMES 134-161 6" x 6" x .45 0A